

IN THE CLAIMS

1. (original) An air melted, substantially graphite and nitrogen-free alloy, aged or not aged by precipitation hardening, specially adapted for gas turbine or internal combustion engine exhaust system parts, comprising a graphite-free microstructure of the following composition:

Carbon	max 0.4 wt.%
Silicon	0.5 to 6 wt.%
Manganese	0.1 to 4.5 wt.%
Phosphorous	0.01 to 0.08 wt.%
Nickel	13 to 38 wt.%
Chromium	0 to 6 wt.%
Sulphur	max 0.12 wt.%
Nitrogen	max 0.02 wt.%
Iron	balance

2. (original) Alloy as in claim 1 further comprising:
Molybdenum in the range of 0.1 to 4 wt.%. .

3. (original) Alloy as in claim 1 further comprising maximum 1 wt.% of copper.

4. (currently amended) Alloy as in claim 1 ~~or 2~~ further comprising Copper in a range of 0.5 to 8 wt.% and wherein the nickel concentration is in a range of 13 to 22 wt.%

5. (original) Alloy as in claim 1 further comprising:
Niobium 1 to 5 wt.%
Titanium max 1 wt.%
Aluminium max 1 wt.%

6. (original) Alloy as in claim 1 further comprising:
Niobium max 2 wt.%

Tungsten	max 4 wt. %
Zirconium	max 1 wt. %
Vanadium	max 1 wt. %

7. (original) Process for the manufacturing of the composition disclosed in claim 5, wherein said alloy is strengthened by precipitation hardening of $(\text{Ni}_3[\text{Al}, \text{Ti}])$, $(\text{Ni}_3[\text{Nb}, \text{Al}, \text{Ti}])$, or (Ni_3Nb) .

8. (currently amended) Process for the manufacturing of the composition disclosed in claim 1, ~~2, 3 or 4~~, wherein said alloy is strengthened by precipitation hardening of Mo_2C .

9. (currently amended) Process for the manufacturing of the composition disclosed in claim 2, ~~3 or 4~~, wherein said alloy is not strengthened by ageing and precipitation hardening.